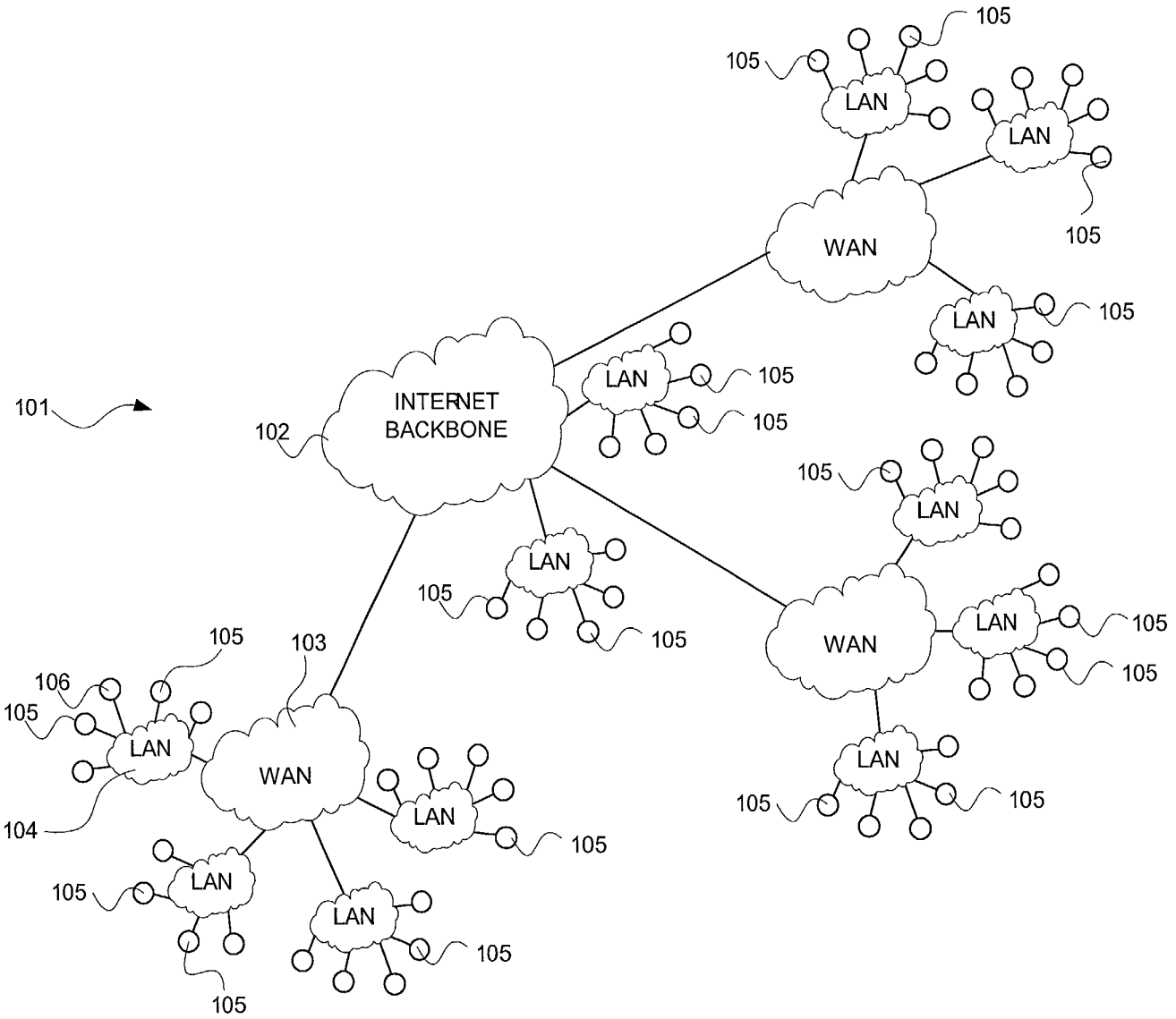
FIG. 1



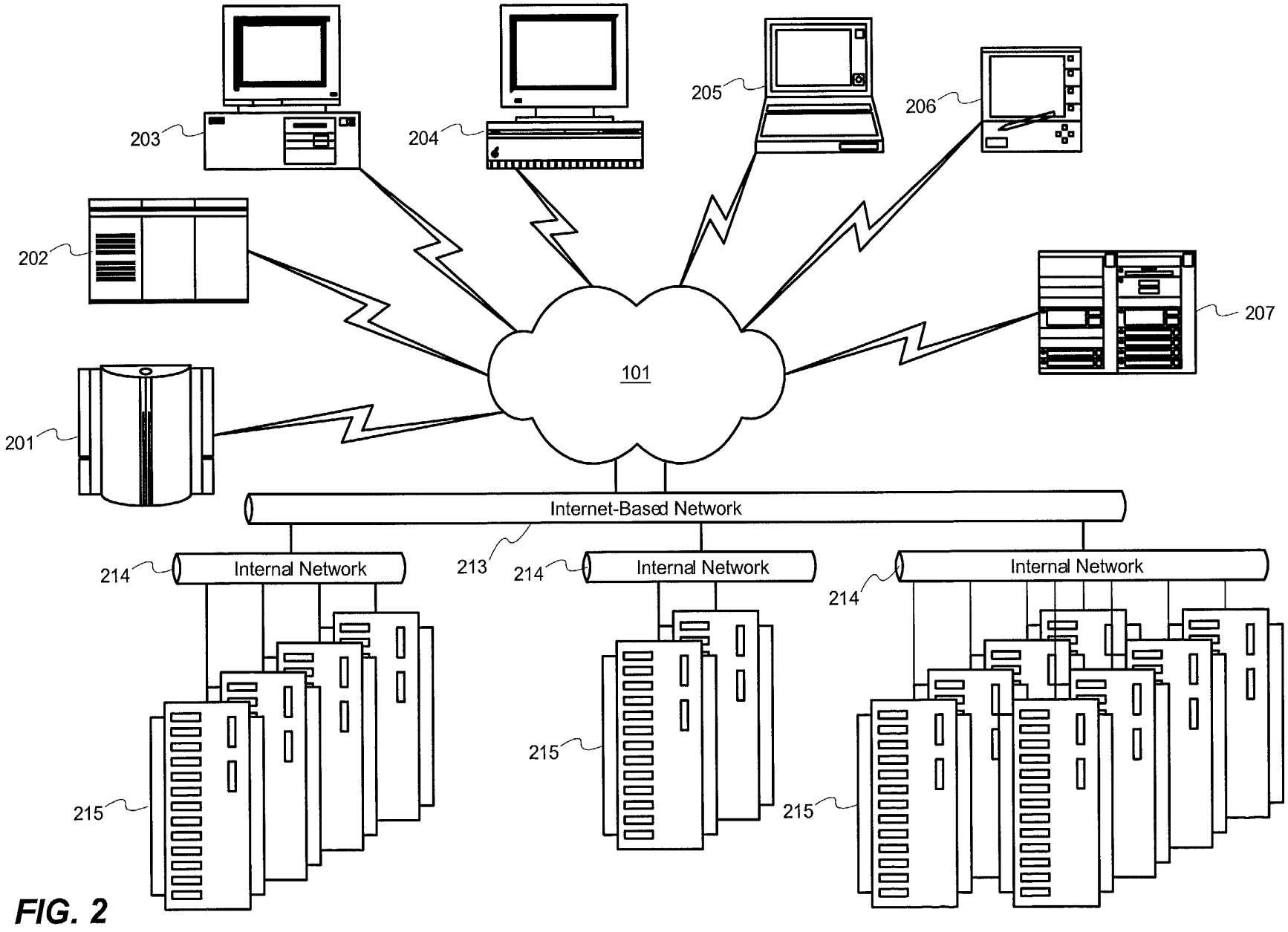

203
204
205
206
202
207
101
201
Internet-Based Network
214
Internal Network
213
214
Internal Network
214
Internal Network
215
215
215

FIG. 2

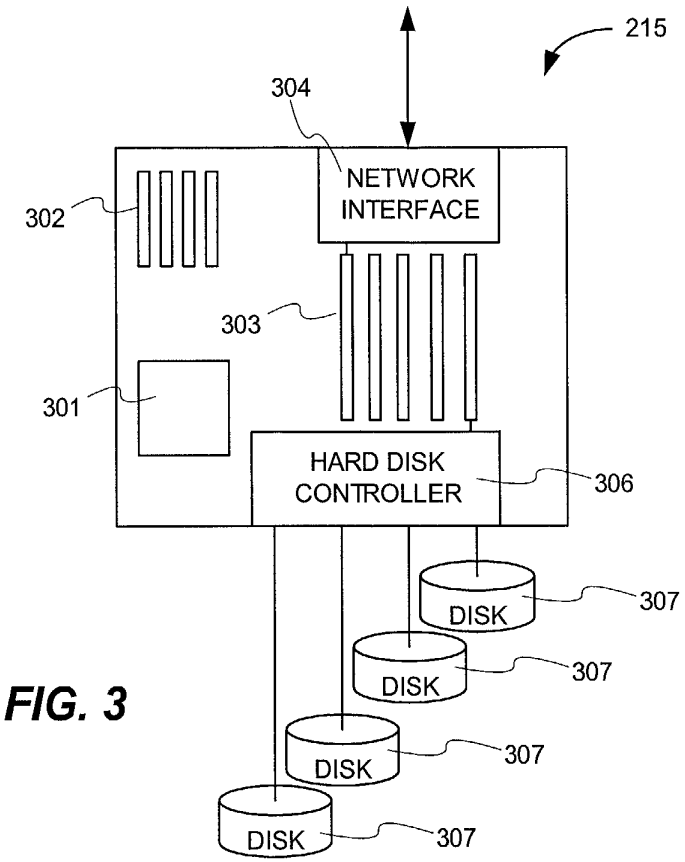

215
304
NETWORK INTERFACE
302
303
301
HARD DISK CONTROLLER
306
DISK
307
DISK
307
DISK
307
DISK
307

FIG. 3

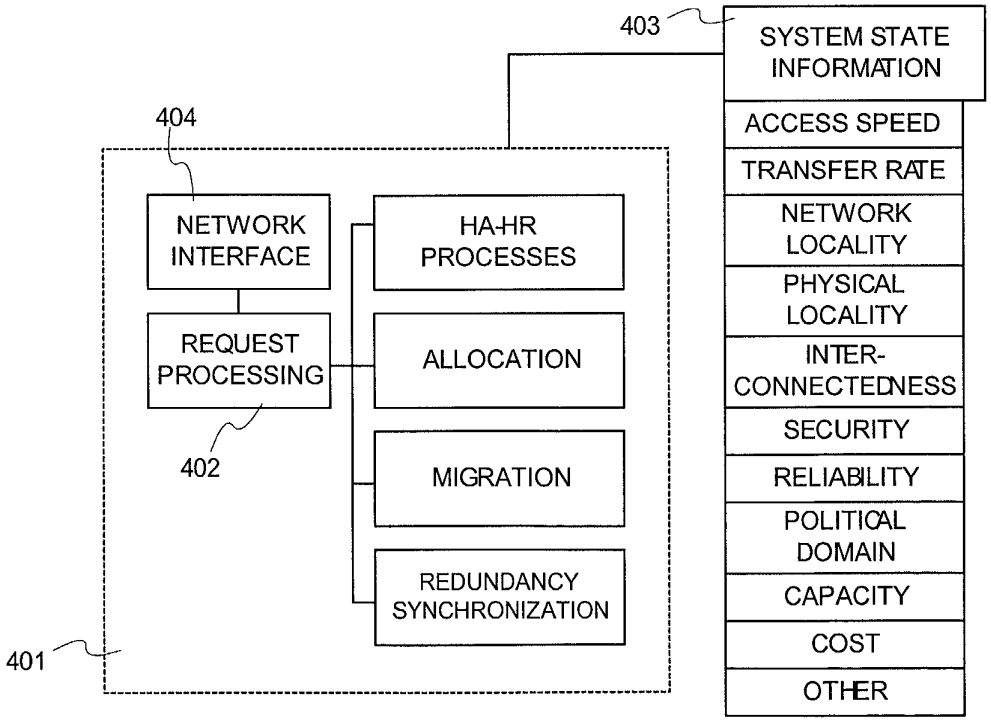

403
SYSTEM STATE INFORMATION
ACCESS SPEED
TRANSFER RATE
NETWORK LOCALITY
PHYSICAL LOCALITY
INTER-CONNECTEDNESS
SECURITY
RELIABILITY
POLITICAL DOMAIN
CAPACITY
COST
OTHER
404
NETWORK INTERFACE
REQUEST PROCESSING
402
HA-HR PROCESSES
ALLOCATION
MIGRATION
REDUNDANCY SYNCHRONIZATION
401

FIG. 4

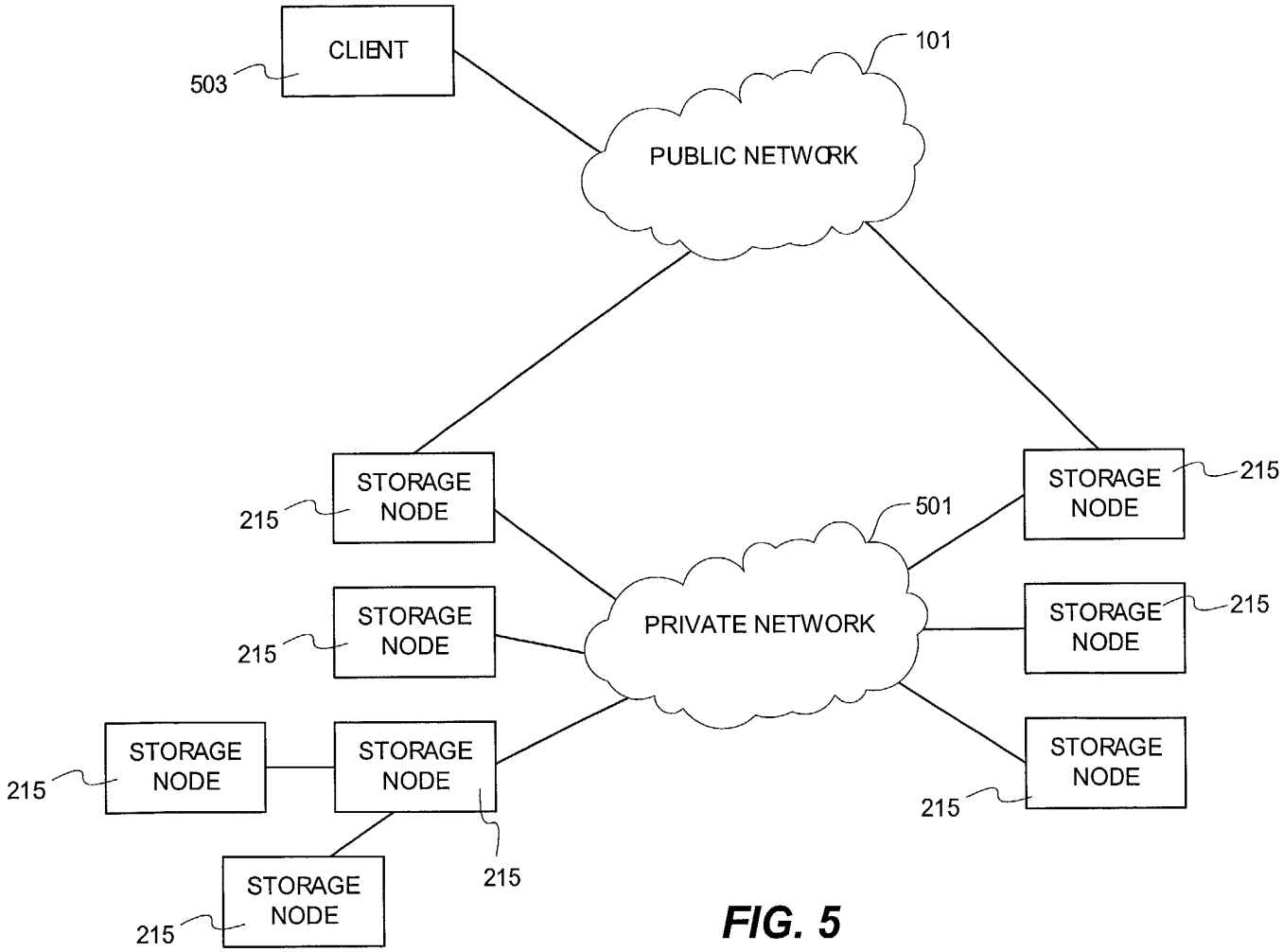

CLIENT
503
101
PUBLIC NETWORK
STORAGE NODE
215
501
PRIVATE NETWORK
STORAGE NODE
215
STORAGE NODE
215
STORAGE NODE
215
STORAGE NODE
215
STORAGE NODE
215
STORAGE NODE
215
STORAGE NODE
215

FIG. 5